Parts Management Plan Builder
26 July 07

US AMC LOGSA
256-955-9941

U.S. Army Materiel Command

Agenda

- **Overview**
- **Demonstration**

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What is SYSPARS?

A expert system for:

- – **Preparing program planning documents**
- – **Updating program plans**
- – **Evaluating programs**
- – **Making decisions**
- – **Obtaining guidance**
- – **<u>Enforcing Planning Process</u>**

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Why SYSPARS?

"A Brief History"

1984 GAO Study

"… [the Army has the best ILS policy, but the worst execution.] …"

Now

• SYSPARS continues to be enhanced to accommodate the latest regulations, policy and procedures that exist in the area of ILS planning.

• DOCSHELL leverages the latest software application technologies. (e.g. Java)

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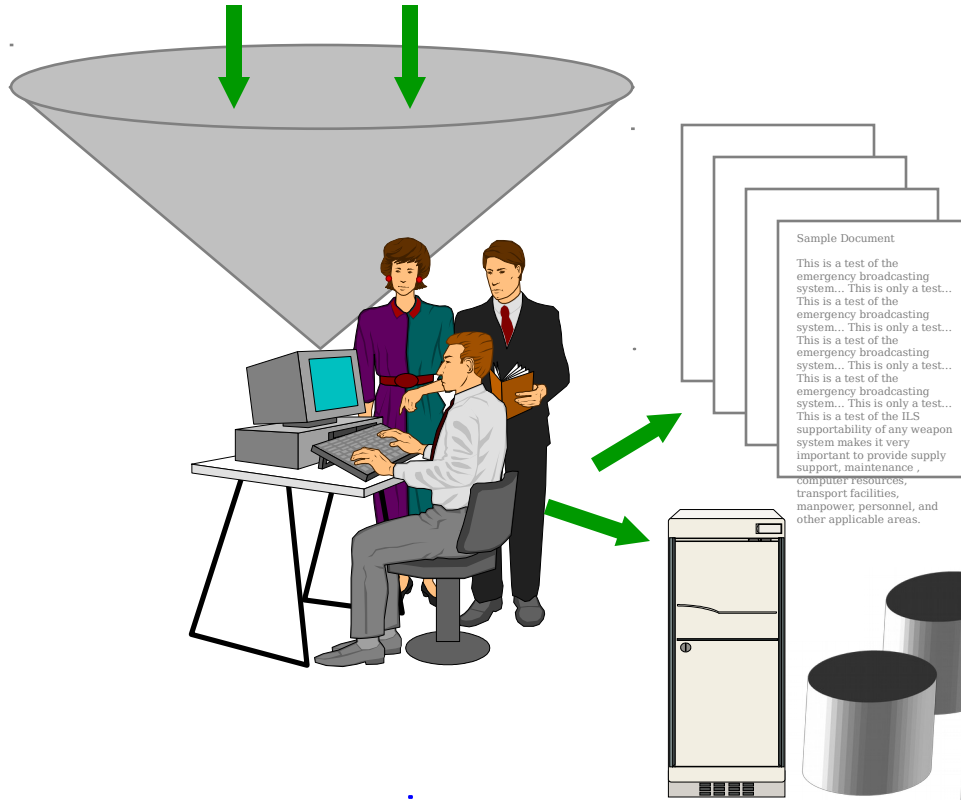**Further dissemination only as directed by USAMC LOGSA, (20 Apr 06), or higher DoD authority.**

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How does it work?

Latest Policy
Training Information
Lessons Learned
Expert Knowledge/Experience

SYSPARS Integrated Documents

Acquisition Strategy
- **Supportability Strategy**
- **PBL Strategy**
- **Materiel Fielding Plan**
- **Provisioning Plan**
- **Performance Based Agreement**
- **ILS Statement of Work**
- **Transportability Report**
- **Supportability Assessment**
- **Simulation Support Plan (SSP) New**
- **Life Cycle Schedule**
- **Warranty Advisor**
- **Diminishing Manufacturing and Material Shortages (DMSMS) Management Plan New**

Sample Document

This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the emergency broadcasting system... This is only a test... This is a test of the ILS supportability of any weapon system makes it very important to provide supply support, maintenance , computer resources, transport facilities, manpower, personnel, and other applicable areas.

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Life Cycle

LOGPARS in the Life Cycle

Logistics Supportability Planning

Concept Refinement	Technology Development	System Development & Demonstration	Production & Deployment	Operations & Support
Ensure Supportability Considerations	*ILS Planning/ Analyzing Alternatives*	*Logistics System Development*	*Evaluate Post Production Support*	*Metrics Tracking – Recapitalization*
LOGPARS Provides:	**LOGPARS Provides:**	**LOGPARS Provides:**	**LOGPARS Provides:**	**LOGPARS Provides:**
• *Acquisition Strategy (AS)* • *Supportability Strategy (SS)* • *Performance Based Logistics Strategy*	• *Life Cycle Schedule* • *Provisioning Plan*	• *AS Update* • *Performance Based Agreement* • *Materiel Fielding Plan (MFP)* • *Provisioning Plan Update*	• *MFP Update* • *AS Update* • *PBA Update* • *Provisioning Plan Update*	• *DMSMS Plan* • *SS Update* • *PBA Update* • *Provisioning Plan Update*

(A) (B) (C)

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When to use SYSPARS

When to use LOGPARS

- **In a perfect world**
  - **Requirements**
  - **Planning**
  - **Development**
  - **Update Plans**

- **Reality**
  - **Wherever you are in your program**
  - **As soon as possible**

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Features

- **Alternative document authoring process**

  - Provides a "ground-up" approach to authoring planning documents as opposed to a "Copy-Paste" approach.

- **Simple navigation based on document outline**
- **Flexible interview-style question types**
- **Supports multi-user/team efforts**
- **Automatic data sharing**
- **Continuous consistency checks**
- **Reviewer commenting capability**
- **Ensures an Expert planning process**

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Who's using it?

- **Over 1300 Registered Users**
  - **Integrated Logistics Support Managers**
  - **Project/Program/Product Managers**
  - **Integrated Product Team Members**
  - **Matrix Support Managers**
  - **Support Contractors**
  - **Etc.**

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Current Adaptations

- **SYSPARS – Army (Over 600) Navy (282), Air Force (108), Marine Corps (56)**
- **Non Supported Versions- Navy, Air Force, Marine Corps**
- **Integrated Logistics Assessment Tool - Navy**
- **Supportability Engineering Planning Tool - NASA**
- **Through Life Support Planning System - Australian Defense Force**
- **Environmental Impact of Water Projects - Department of Agriculture**

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SYSPARS Benefits

- **Reduced time to prepare plans**
- **High quality planning decisions and documents**
- **Tailored for individual program strategies**
- **Supports electronic staffing and review**
- **Training tool (DAU and on-the-job)**
- **Minimizes costly requirements omission/duplication**
- **Easy to expand, enhance, & update the Knowledge Base**

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The Roadmap
(Parts Management Plan)

- **History**

  - **Research and Development – (Jan - April 2007)**

  - **Sent to Working Group – (April 2007)**

  - **Battle Creek/ overview session – (July 2007)**

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The Roadmap
(Parts Management Plan)

- **Milestones**

  - **Alfa Test -- April 07**

  - **Alfa Test Comments Due – ?**

  - **Beta Test -- ?**
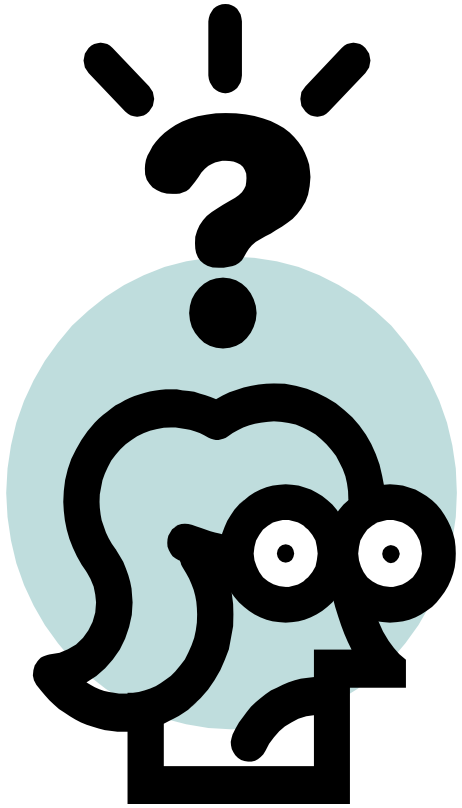
  - **Beta Test End – ?**

  - **Release Software – ?**

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Questions ? Maybe Answers . . .
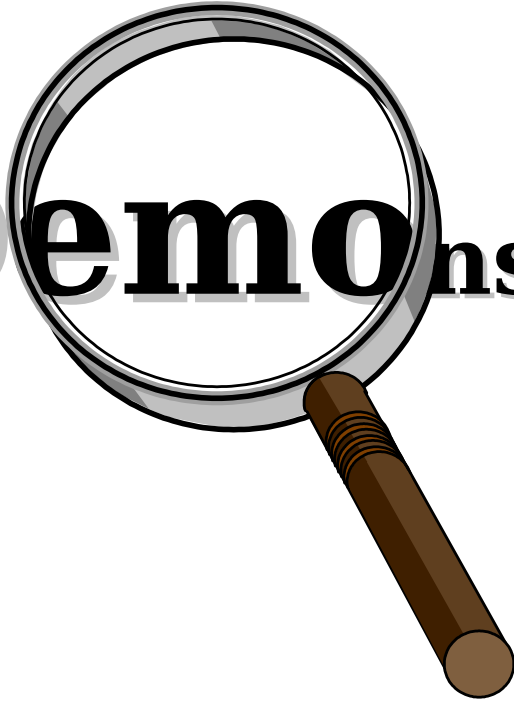
httpS://www.logsa.army.mil/alc/logpars

SYSPARS/JDOCSHELL

Demonstration

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